**Math Project**

In Chapter 10, we are learning about proportions, ratios, and drawing to scale.

**Task:** You have been given the opportunity to design your dream bedroom. The sky is the limit. Design this bedroom to fit your personality. You will be given a sheet of construction paper. You can draw any dimensions for the room as long as it’s 300 square feet. If you want multiple levels, that’s ok, but both levels can’t exceed 300 square feet.

**Challenge:** After drawing your floor plan, take a shoe box and create a 3-D model of your dream bedroom.

**Due:** Friday March 9th

**Required Elements:**

* Used a ruler for all straight lines
* Scale is indicated (Example: 1 foot = ½ inch)
* All objects, walls, and materials should be labeled with measurement
* Calculated squared feet of the room is 300 square feet
* Title and Name at top

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| |  | | --- | | Teacher Name: **Mrs. Hanlon**    Student Name:     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

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| CATEGORY | **4** | **3** | **2** | **1** |
| **Graphics - Originality** | Several of the graphics used on the poster reflect a exceptional degree of student creativity in their creation and/or display. | One or two of the graphics used on the poster reflect student creativity in their creation and/or display. | The graphics are made by the student, but are based on the designs or ideas of others. | No graphics made by the student are included. |
| **Required Elements** | The poster includes all required elements as well as additional information. | All required elements are included on the poster. | All but 1 of the required elements are included on the poster. | Several required elements were missing. |
| **Attractiveness** | The poster is exceptionally attractive in terms of design, layout, and neatness. | The poster is attractive in terms of design, layout and neatness. | The poster is acceptably attractive though it may be a bit messy. | The poster is distractingly messy or very poorly designed. It is not attractive. |
| **Labels** | All items of importance on the poster are clearly labeled with labels that can be read from at least 3 ft. away. | Almost all items of importance on the poster are clearly labeled with labels that can be read from at least 3 ft. away. | Several items of importance on the poster are clearly labeled with labels that can be read from at least 3 ft. away. | Labels are too small to view OR no important items were labeled. |
| **Grammar** | There are no grammatical mistakes on the poster. | There is 1 grammatical mistake on the poster. | There are 2 grammatical mistakes on the poster. | There are more than 2 grammatical mistakes on the poster. |

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